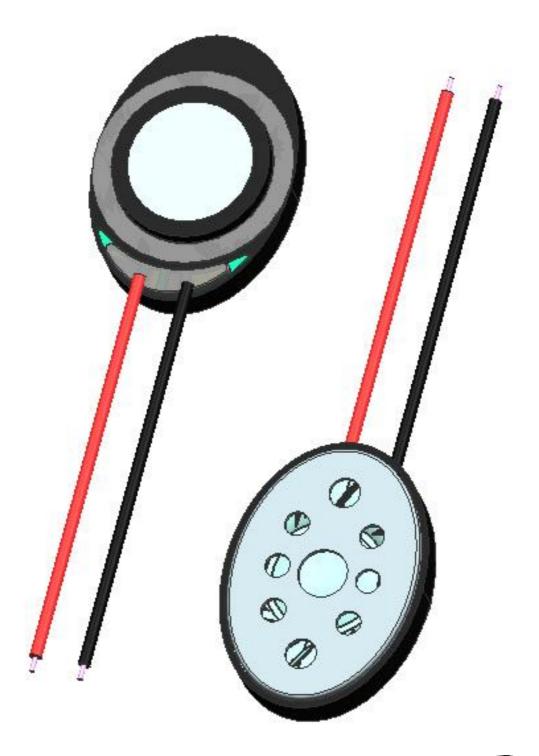
SPECIFICATION

BMS1813-11C-08H3.8RW025 LF







APPROVAL SHEET FOR SMARTPHONE SPEAKER

TOTAL PAGE 13 www.bestargroups.com

RoHS

Preliminary Specification For The Acoustic Characteristics of Dynamic Speaker

Customer		Model Name	BMS1813-11C-08H3.8RW025 LF
Customer P/N		Product No.	137032
Date	10 Feb. 14	Issue No.	BS/TES01.1469A
Page	01 of 13	Issue Date	14/11/01

Table of Contents:

- 1.Test Climatic Condition
- 2.Description
- 3. Characteristics
- 4.Test Setup
- 5.Drawing
- 6.Reliability Test
- 7.Packing
- 8. History Change Record

Drawn by	Checked by	Approved by	Customer approved		

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BMS1813-11C-08H3.8RW025 LF

1.Test Climatic Condition

- 1.1 Ambient Temperature :15°C~35°C,Preferably at 20°C
 - 1.2 Relative Humidity:25% to 75%
 - 1.3 Air Pressure:86kPa~106kPa

No.	Item	Specification		
1.	Dimension	18X13X4.0(mm)		
2.	AC Impedance	8 ±15%Ω(at 2kHz)		
3.	Rated Input Power	0.7W		
4.	Maximum Input Power	1.0W		
5.	Frequency Frequency	1100±20%Hz		
6.	Frequency Response	FO~20KHZ		
7.	Output SPL	84±3dB (0.1W /0.1m) at 2.0KHz		
8.	Distortion	≤10% (at 1kHz)		
9.	Buzzes & Rattles	must be normal at 2.36Vrms (sine wave)		
10.	Operating Temperature	-20∼+70°C		
11.	Storage Temperature	-20∼+85°C		
12.	Weight	~1.5g		

2.Description

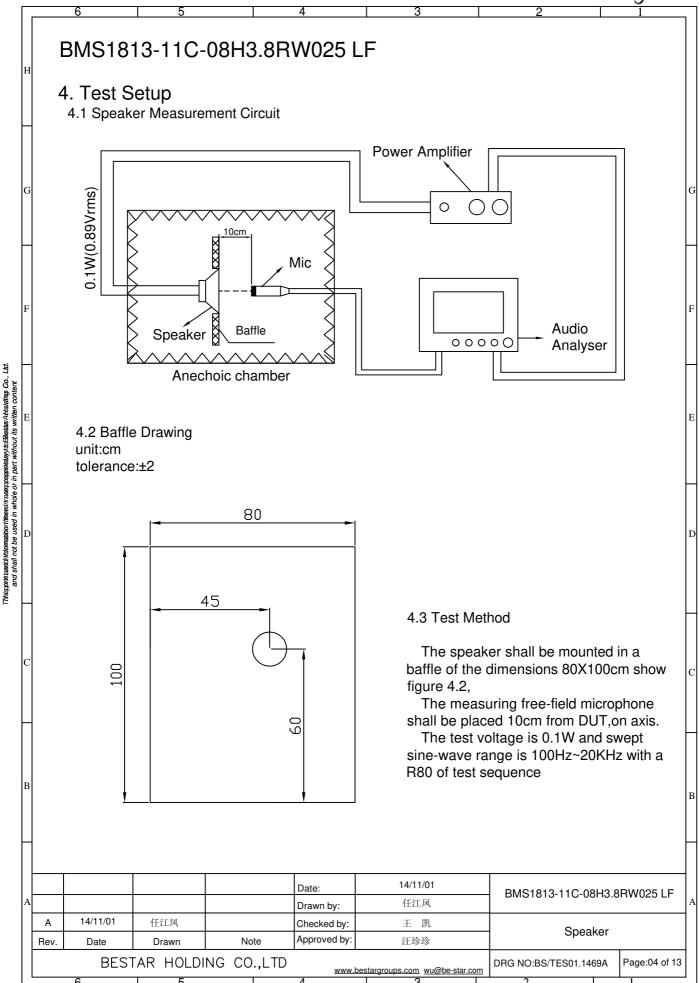
- 2.1 Acoustic component Performance Specification
- 2.2 The present document specifies performance requirements for the acoustic characteristics of speaker

3. Characteristics

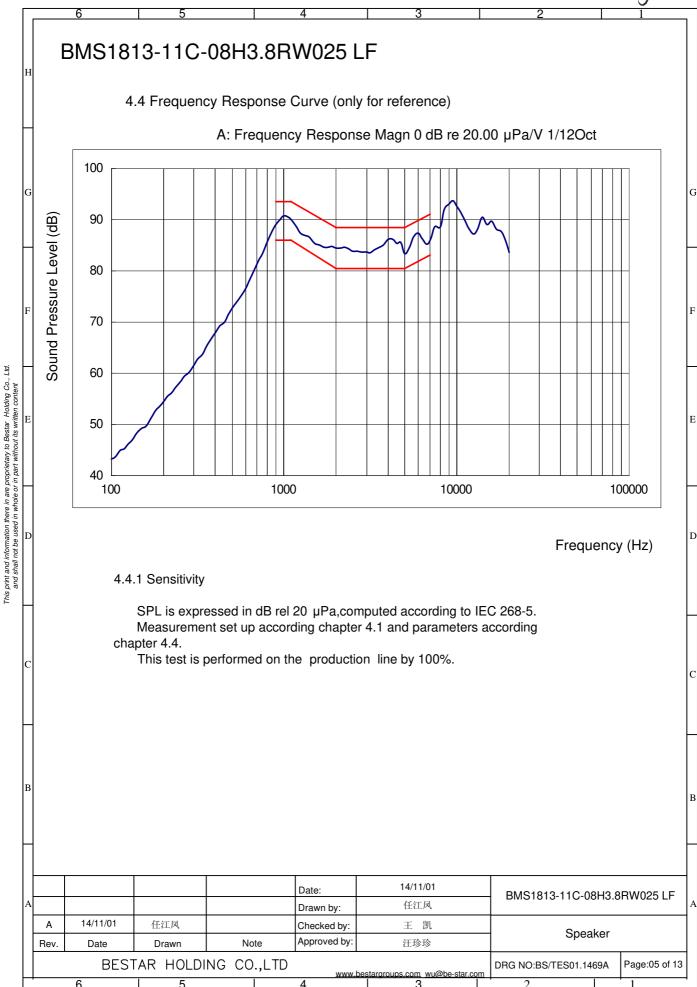
3.1 Electrical and Mechanical Characteristics

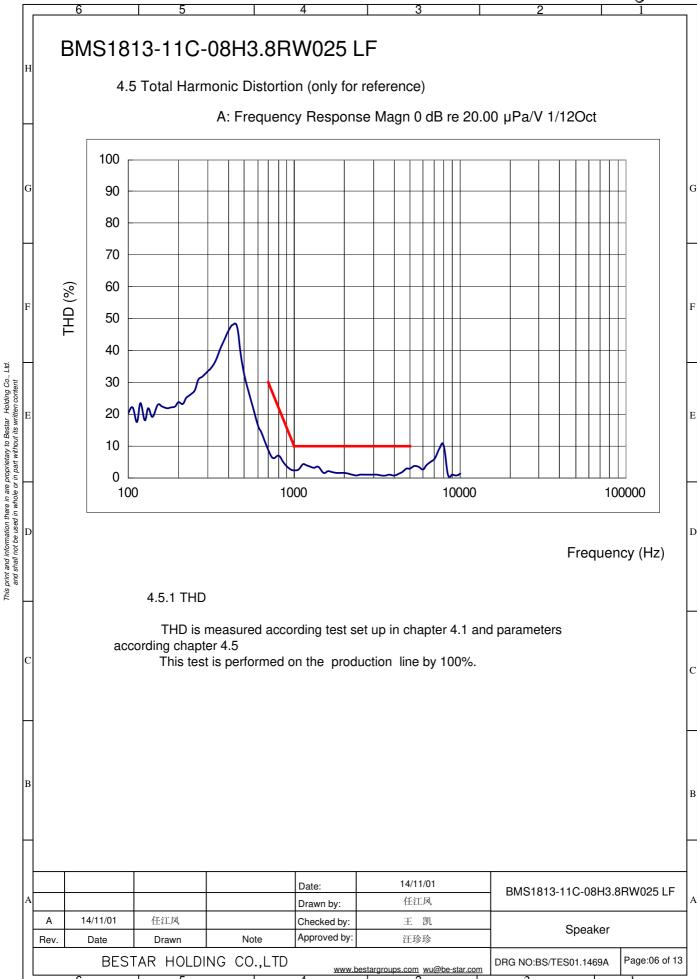
				Date:	14/11/01	- BMS1813-11C-08H3.8RW025 LF		
				Drawn by:	任江凤			
Α	14/11/01	任江凤		Checked by:	王 凯	Speaker		
Rev.	Date	Drawn	Note	Approved by:	汪珍珍			
BESTAR HOLDING CO.,LTD				www.bestargroups.com wu@be-star.com		DRG NO:BS/TES01.1469A		Page:03 of 13
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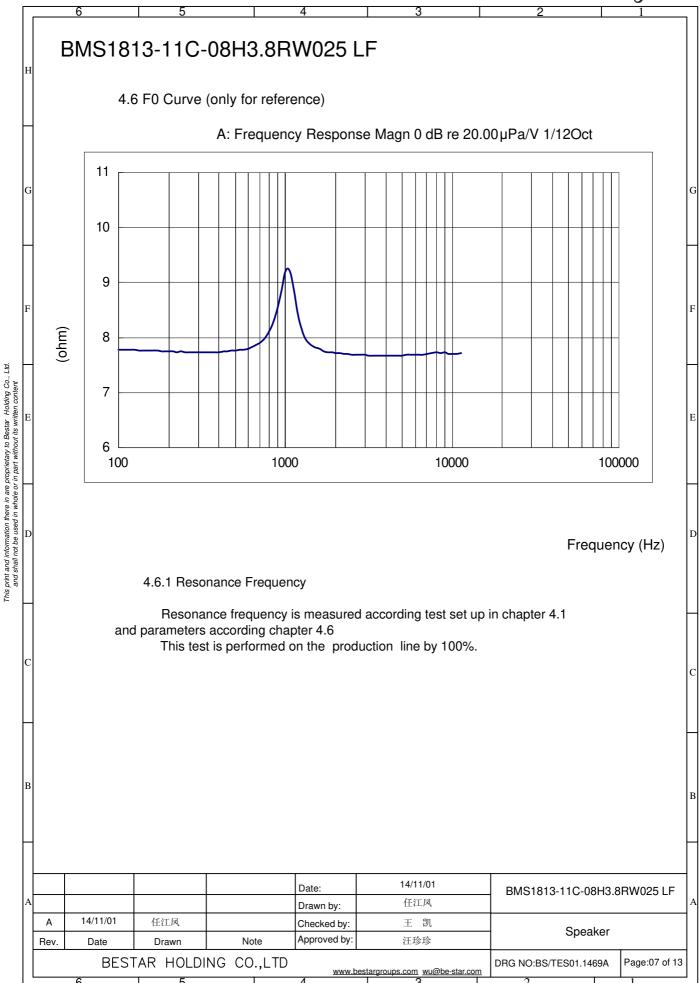


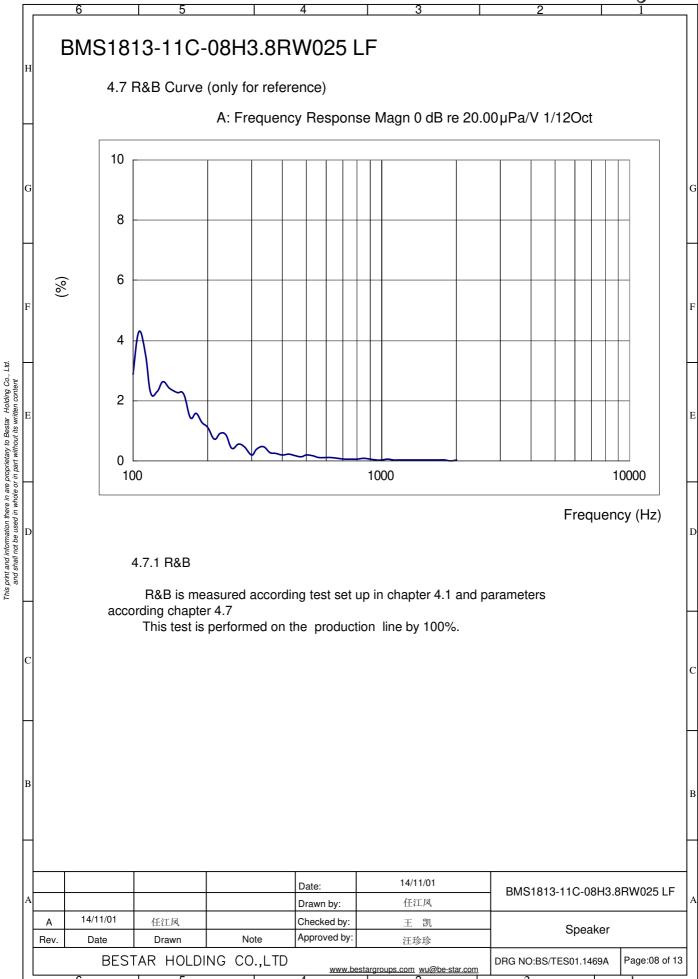


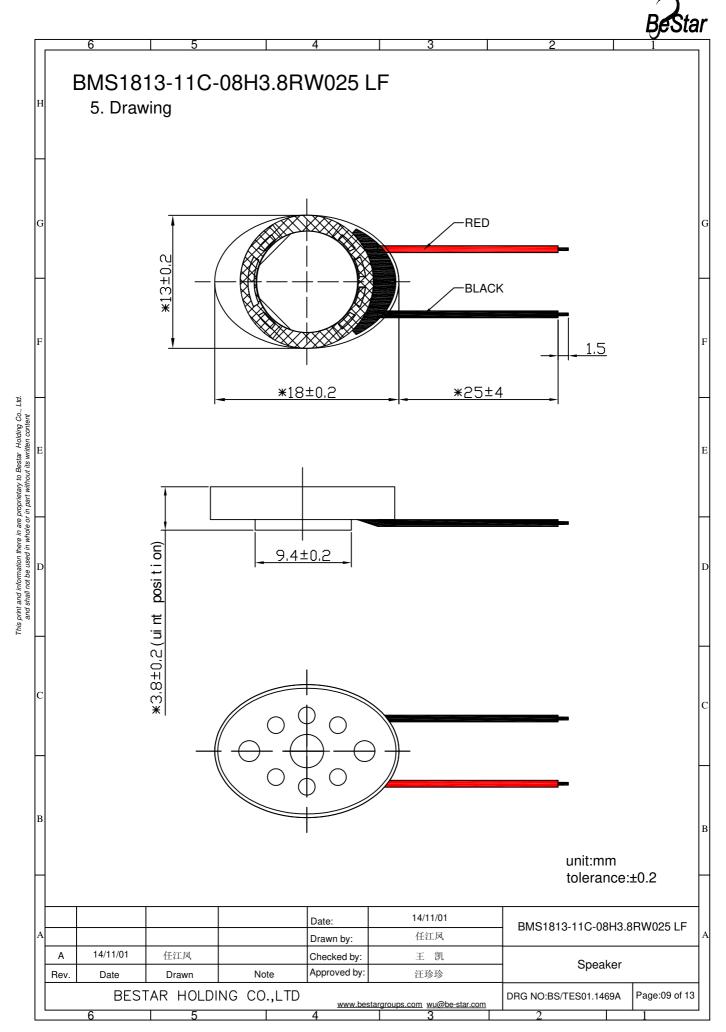


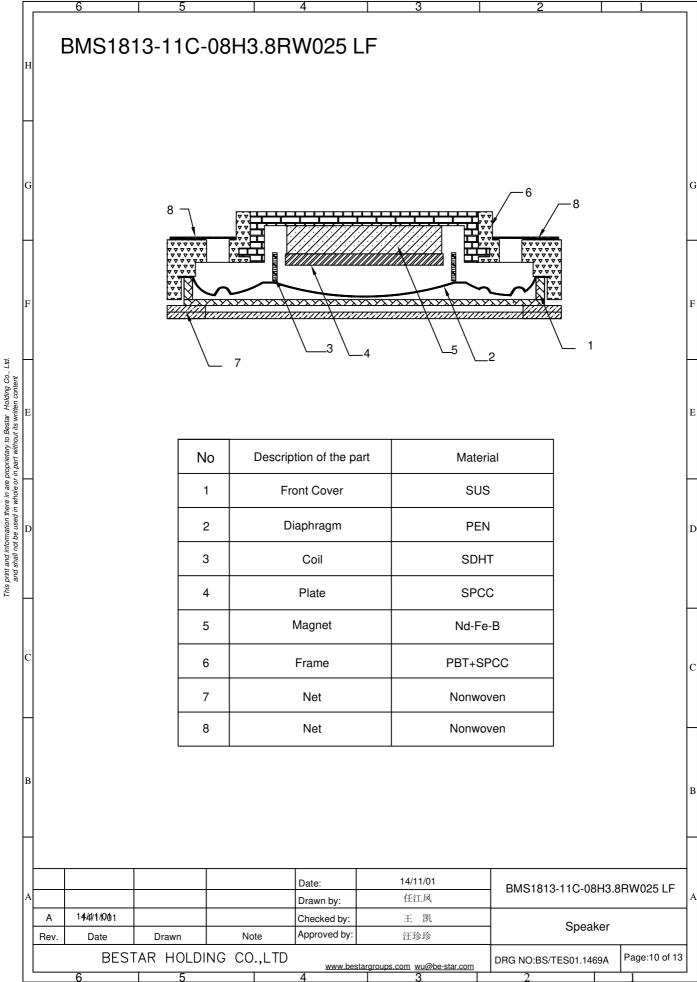








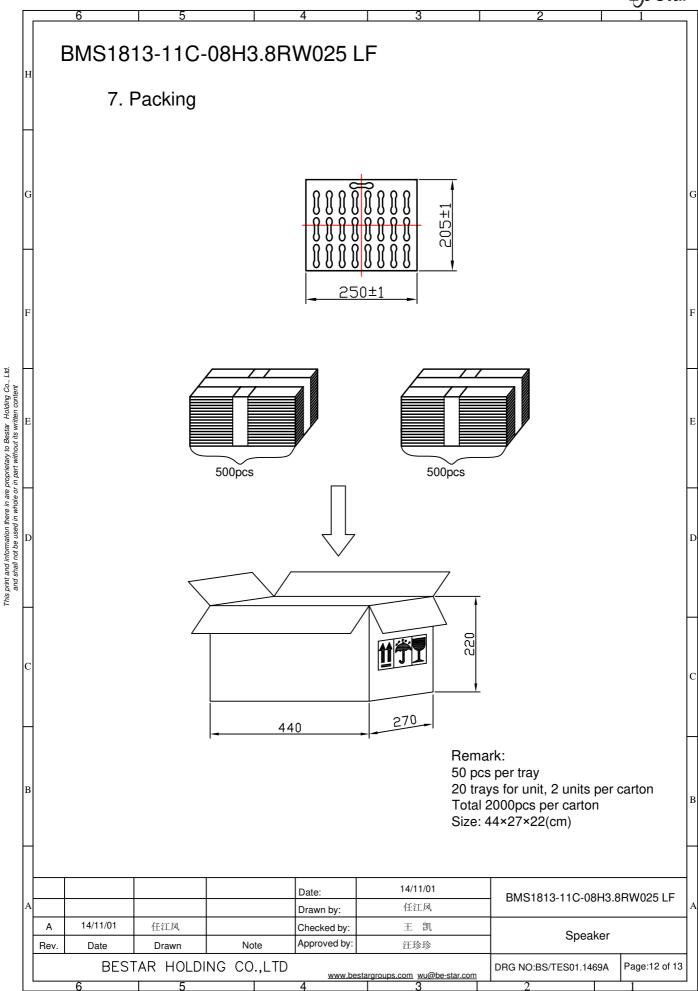






BMS1813-11C-08H3.8RW025 LF 6. Reliability Test 6.1 Load Test Power 0.7W (pink noise) Duration 96hrs 6.2 High Temperature Test Temperature +85±3°C Duration 48hrs 6.3 Low Temperature Test -20±3°C Temperature Duration 96hrs 6.4 Damp Heat Temperature 40±3°C 90%-95%RH Relative Humidity This print and information there in are proprietary to Bestar Holding Co., Ltd. and shall not be used in whole or in part without its written content Duration 96hrs 6.5 Temperature Cycle Test Cycle transition time:20-30s T(°C) +85 +25 -40 t (min) 30 30 30 1 cycles 6.6 Drop Test Height 100cm (in state of packing) **Times** 10 (Drop onto hardwood board) Notice: 1.Immediately after reliability test, the samples shall be stored under climatic conditions such as normally exist in ordinary rooms or laboratories. Unless otherwise noted the recovery period shall be 4hrs at least before performance testing. 2. After reliability test, all samples must be meet the requirements specified 3. Sensitivity difference at 2~5KHz shall be within ±3dB from initial value after test. 14/11/01 Date: BMS1813-11C-08H3.8RW025 LF 任江凤 Drawn by: 14/11/01 任江凤 Α Checked by: 王 凯 Speaker Approved by: Note 汪珍珍 Rev. Drawn BESTAR HOLDING CO.,LTD Page:11 of 13 DRG NO:BS/TES01.1469A







BMS1813-11C-08H3.8RW025 LF 8. History Change Record Change Items version Date Approved Drawn No. Before After 14/11/01 任江凤 汪珍珍 14/11/01 Date: BMS1813-11C-08H3.8RW025 LF 任江凤 Drawn by: 14/11/01 Α 任江凤 王 凯 Checked by: Speaker Approved by: 汪珍珍 Rev. Drawn Note Page:13 of 13 DRG NO:BS/TES01.1469A BESTAR HOLDING CO.,LTD